

PROPOSALS

For Publishing by Subscription,

A New, Large, and Correct

MAP of Warwickshire;

Perform'd after a new Method, by an
actual SURVEY.

*With the Seats of the Nobility and Gentry, and their Coats
of Arms round the MAP, in Dr. PLOT's Method.*



By HENRY BEIGHTON, *Fellow of the Royal Society.*



AMONGST those things which add Honour and Lustre to a fertile County in the very Middle or Heart of *England*, Sir *William Dugdale's Antiquities of Warwickshire*, justly claim a Share; and were there a New and Exact Survey made in a large Map; as no County in *England* can equal that Description, 'tis to be hop'd none wou'd boast of a more compleat Survey.

FOR altho' that *Learned Author's Maps* of the *Four Hundreds*, have in them 200 Places of Note, and contain above 100 Miles of Rivers, Brooks, &c. brought nearer their proper Heads or Springs, more than in any Maps before his Time; and are the most neatly perform'd, and (perhaps) the best of their Kind: Yet are there many Omissions and Errors, when compar'd with the historical Part; as well by false Distances in respect of computed or measur'd Miles, as by wrong Situations of Places mapp'd on the contrary Sides of Rivers.

BUT if we consider most of our County Maps are only Transcripts from *Caxton*, *Saxton*, or *Nordens*, made before 1576, we cannot expect any Truth from those of *Cambden*, *Speed*, *Morden*, or *Blaeu*, *Fanson*, *Visher*, *Sanfon*, &c. For the Method those Persons took was very erro-

neous:

neous: They mostly depended on the *Magnetical Needle*, when they knew little of its *Variation*, which wou'd place their *Bearings* 11 *Degrees and an half (East)* from a true Position: And tho' (perhaps) they sometimes took *Angles* from each End of a *measur'd Line* to several Places; yet from *short Bases* of a *Triangle*, the Points of Intersection cou'd by no means be rely'd on, for the true Position or Distance: For a small Error in the Angle, to which they were constantly liable, wou'd cause great ones in the Lines; as is very well known to *Geometricians*, and even those *Surveyors* who measure *Estates* of a small Extent.

IN the Draughts of *Rivers*, &c. it's obvious, they only aim'd to project them by or between *Towns* and *Places*, as by View or Information they cou'd best guess.

It's too well known, what great Ruin fell on many Places of Antiquity, Castles, Seats, &c. in our unhappy Civil Wars, since 1640; what Changes of Families there are, Owners of Seats, Manors, &c. which render the old Maps useless in that respect.

THE Undertaker, on these Considerations, desirous of a compleat Map of his Native County, drew Proposals in *Octob. 1711.* for an entire New Survey of the whole County; since which Time he has not only been maturely thinking of a Method, how this might be exactly done; but has some time past begun the Survey, and made Collections of what might be useful thereto: And takes to his Assistance, such Artists as are sufficiently qualified in *Geometry*, and the Use of *Instruments* fitting that Purpose.

THE Geometrical or Horizontal Distances, shall be truly measur'd between all the *Towns* of Note thro' the County, in *Statute Miles*; which with *Angles* taken will be prov'd by *Trigonometry*. From these Lines, he will not only take *Two Angles* to each intermediate Place, but *Perpendiculars* to them, and from other Lines, the same and backward Observations, That *Two Angles and Sides* (at least) of each *Triangle* may be known, to confirm the finding a *Third*; and where the Country allows *Plain-Tabular Lines*, subject to no Errors in Projection: So that the exact Concurrence of *Two or Three* of these ways will be a certain Demonstration in *Mathematicks*. The true *Bearings* of all such Lines shall be adjusted in an *Astronomical Method*, by the Sun's *Azimuth*, *Amplitude*, &c. and by the true Place of the *North Pole*, to which (by Night) *Instruments* or *Sights* shall be set, for the succeeding Observations: And have no Dependance on the *Needle*, subject to many Irregularities, besides its being impracticable sometimes. The *Roads* will be projected in the manner of *Ogilby's*, which might have been more useful to Travellers, had they not proved so erroneous, irreconcilable to Truth, and one another. In which the computed Miles will be figur'd between Places; and the *Rivers* by actual Surveys, and Distances from such Places whose Positions are adjusted.

THIS MAP will contain in Two Sheets of Large Paper, (besides the *Arms* and *Index Villaris*) about 43 Inches deep, and 30 broad; laid down by a Scale of one Geometrical or Statute Mile in an Inch, which will render the Distances easy to be measured by our common Foot-Rules, each
Divi-

Division of the *Inches* agreeing to a *Furlong*, or 220 *Tards*; and avoid the Trouble of *Compasses* and *Scale*.

(1.) ALL the Rivers, and where navigable; Brooks, Rills, Bridges, Locks, Mills, &c. (2.) All Roads, with the Crossings and Branches, Crosses of Direction, Beacons, and Ground-Plots of Towns. (3.) Parish-Churches in their true Shape, whether Cathedral, Collegiate, Parochial, &c. (4.) Chapels of Ease, and Villages in each Parish. (5.) Places depopulated in whole or part; Forests, Chaces, Parks, King's Seats, Baronies, &c. (6.) Monasteries, Religious Houses, &c. and of what Order. (7.) Castles standing, and demolish'd. (8.) Roman Highways (Three of which go thro' the County) Stations, Tumuli's, Crosses, &c. (9.) Fields of Battel, Garisons, &c. by whom, and when. (10.) All Mines, and Springs of Medicinal Waters. (11.) The Divisions of the Hundreds, County of Coventry, and Diocese of Litchfield and Coventry from Worcester. (12.) The Seats of all the Nobility and Gentry, with their Arms (distinguishing their Titles) round the Map, having Letters and Figures referring to each other, as an Index for the ready finding the Owner of each Castle, Seat, &c. or by the Name, his Arms and Seat in the Map. The true Longitude and Latitude, the Index Villaris for finding Towns; and to avoid Confusion or crowding the Map, intelligible Characters shewing the Antiquity as well as present State.

THE Whole shall be submitted to the Correction of such Mathematicians and Antiquaries, who are pleased to examine it, or give Assistance and Information, that so useful an Undertaking may be as compleat as possible.

IN order to facilitate the great Expence of such SURVEY, which can't well be done without some Assurance of the Nobility, Clergy, and Gentry's favourable Concurrence, it is proposed by Subscription.

THE Price to each Subscriber 5 s. a Map in Sheets, or 7 s. 6 d. when pasted on Cloth, and colour'd. For those who have Arms (and please to send them in Colours or Blazon) Half a Guinea towards the Charge of Engraving; one half to be paid down, the other on Delivery of the Map. Those who Subscribe for Six, shall have a Seventh *Gratis*. For whose Encouragement it is hereby promis'd, no more shall be Printed than are Subscrib'd for.

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